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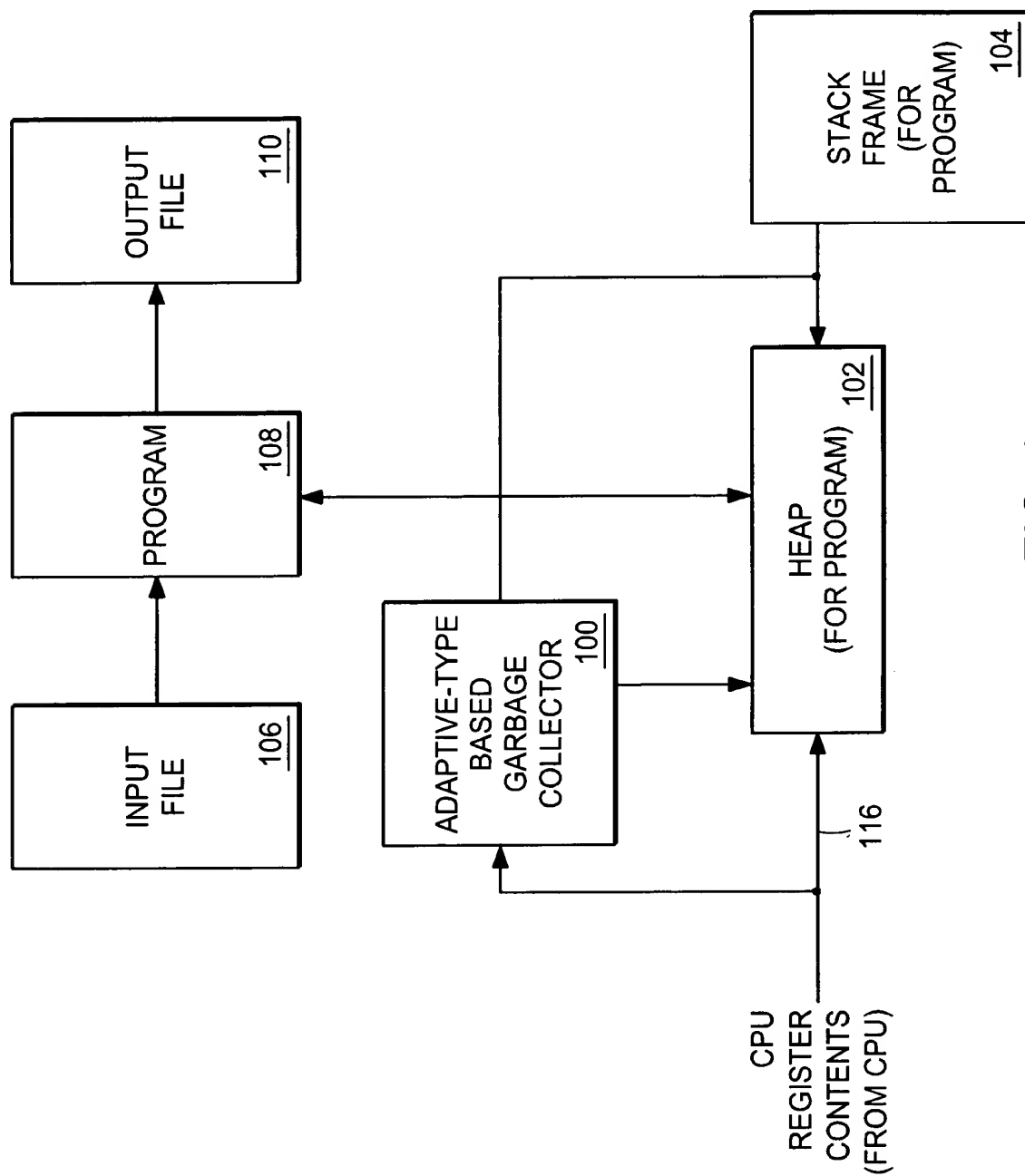


FIG. 1

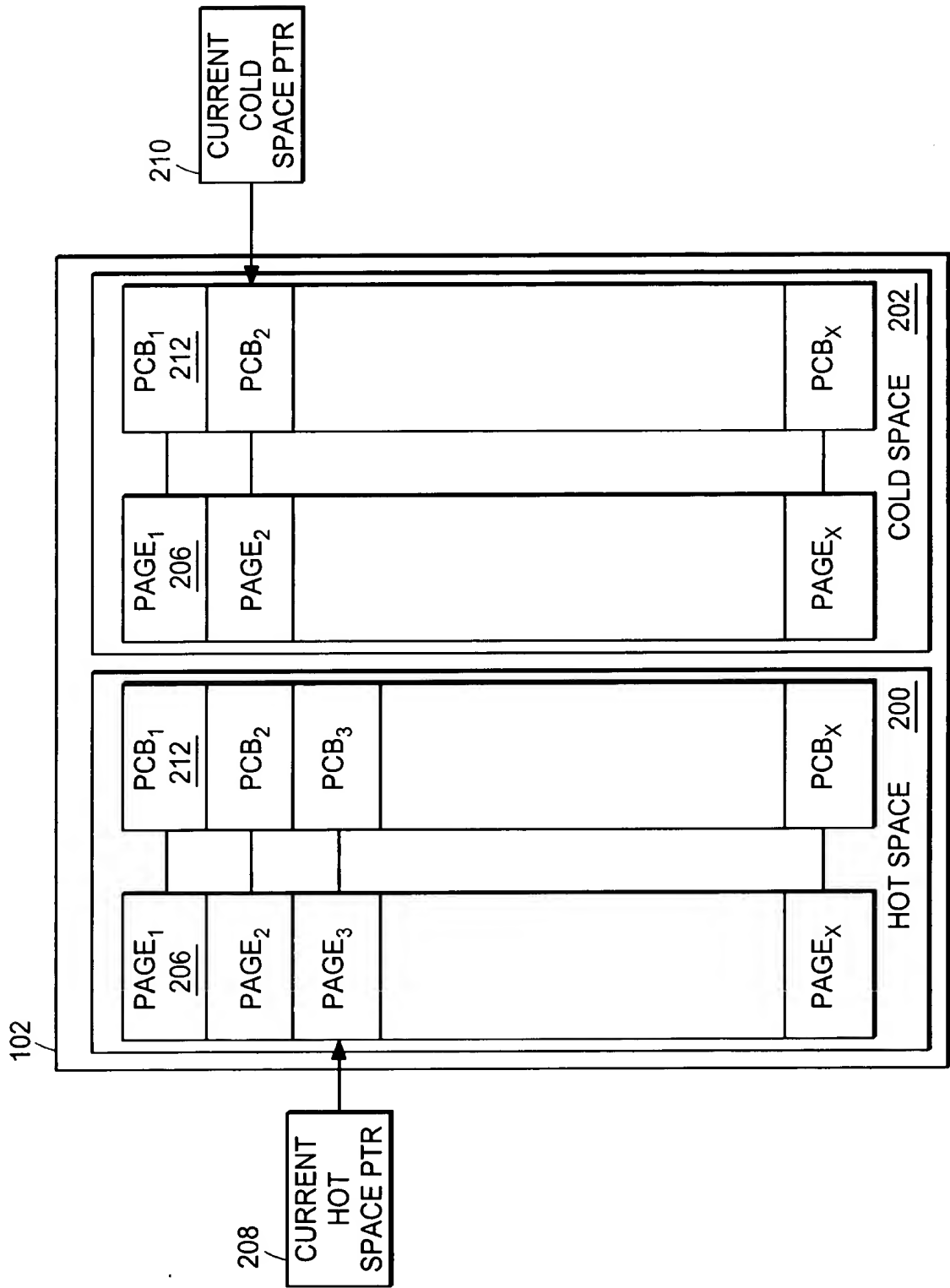


FIG. 2



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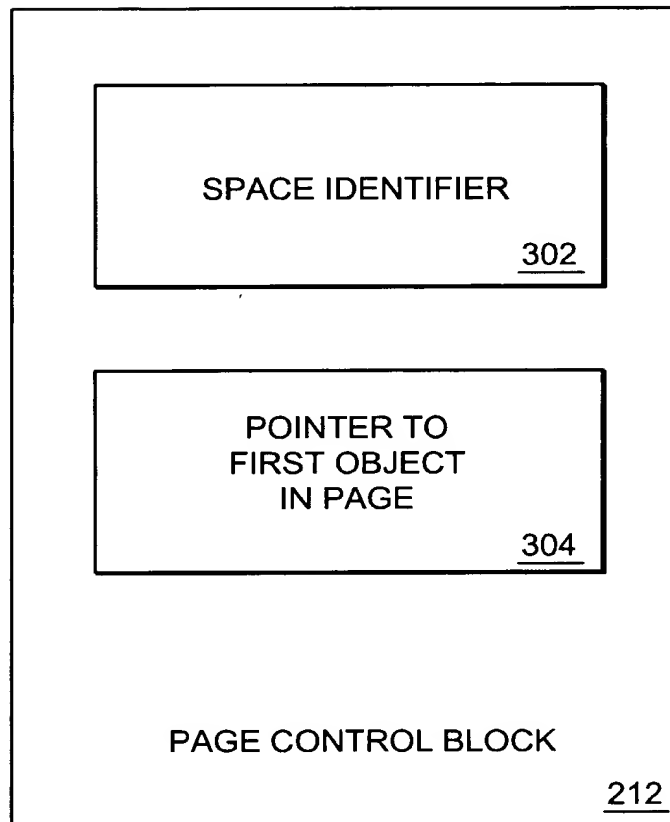


FIG. 3



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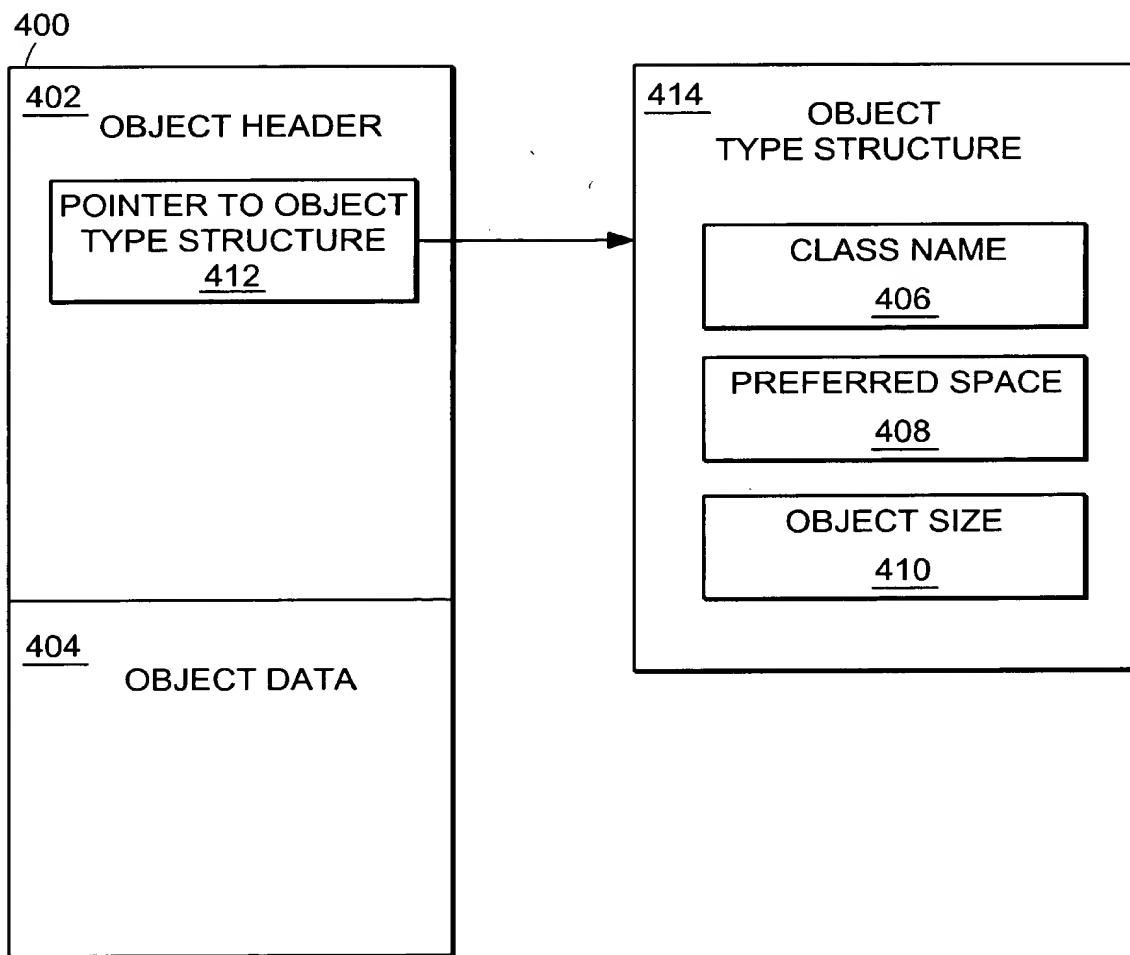


FIG. 4



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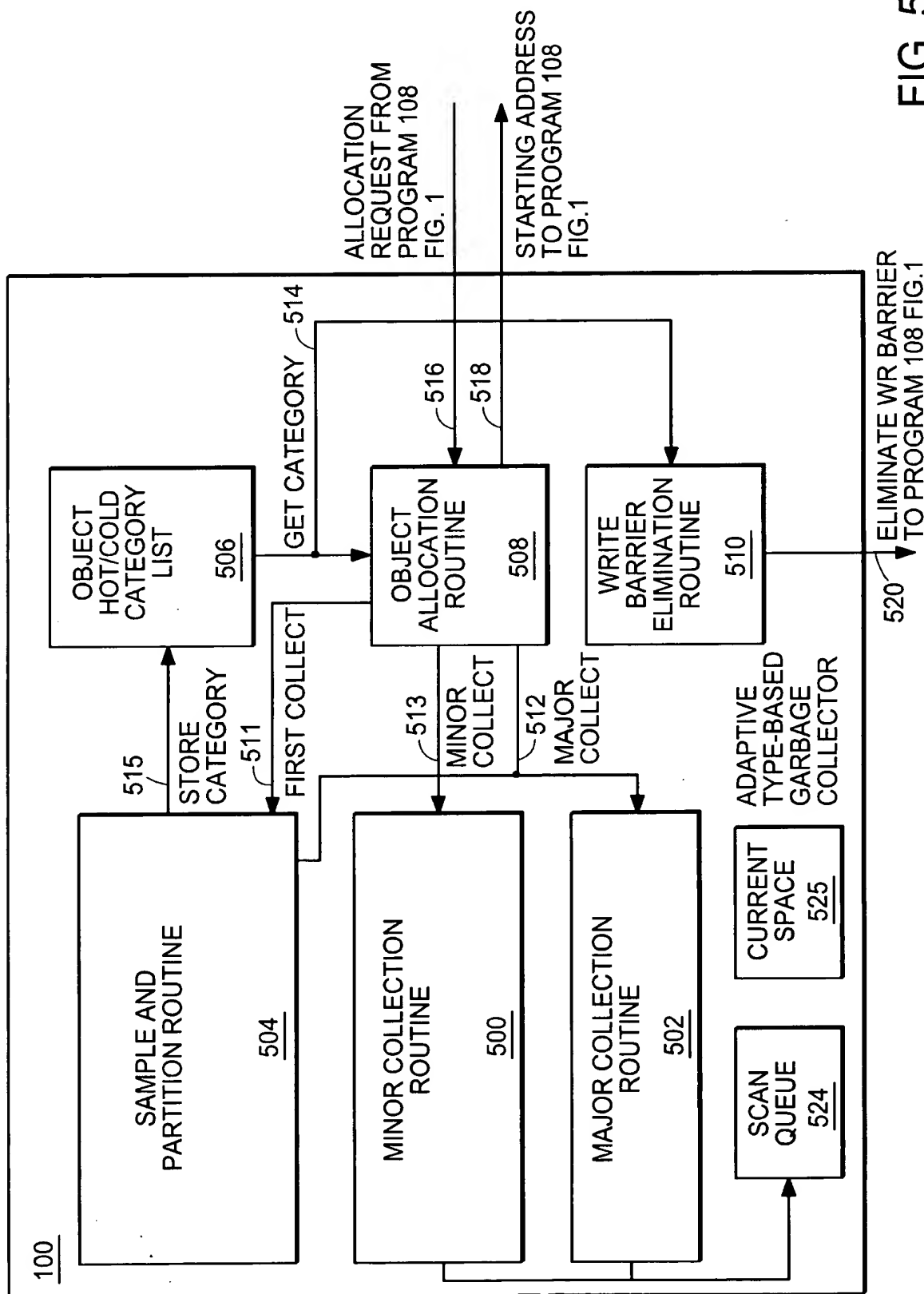


FIG. 5A



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506

| | |
|------------------------|------------|
| OBJECT TYPE = 1 | <u>530</u> |
| OBJECT CATEGORY = COLD | |
| OBJECT TYPE = 2 | |
| OBJECT CATEGORY = COLD | |
| OBJECT TYPE = 3 | |
| OBJECT CATEGORY = HOT | |
| OBJECT TYPE = 4 | |
| OBJECT CATEGORY = HOT | |
| OBJECT TYPE = 5 | |
| OBJECT CATEGORY = COLD | |
| OBJECT TYPE = 6 | |
| OBJECT CATEGORY = HOT | |
| OBJECT TYPE = 7 | |
| OBJECT CATEGORY = HOT | |

FIG. 5B

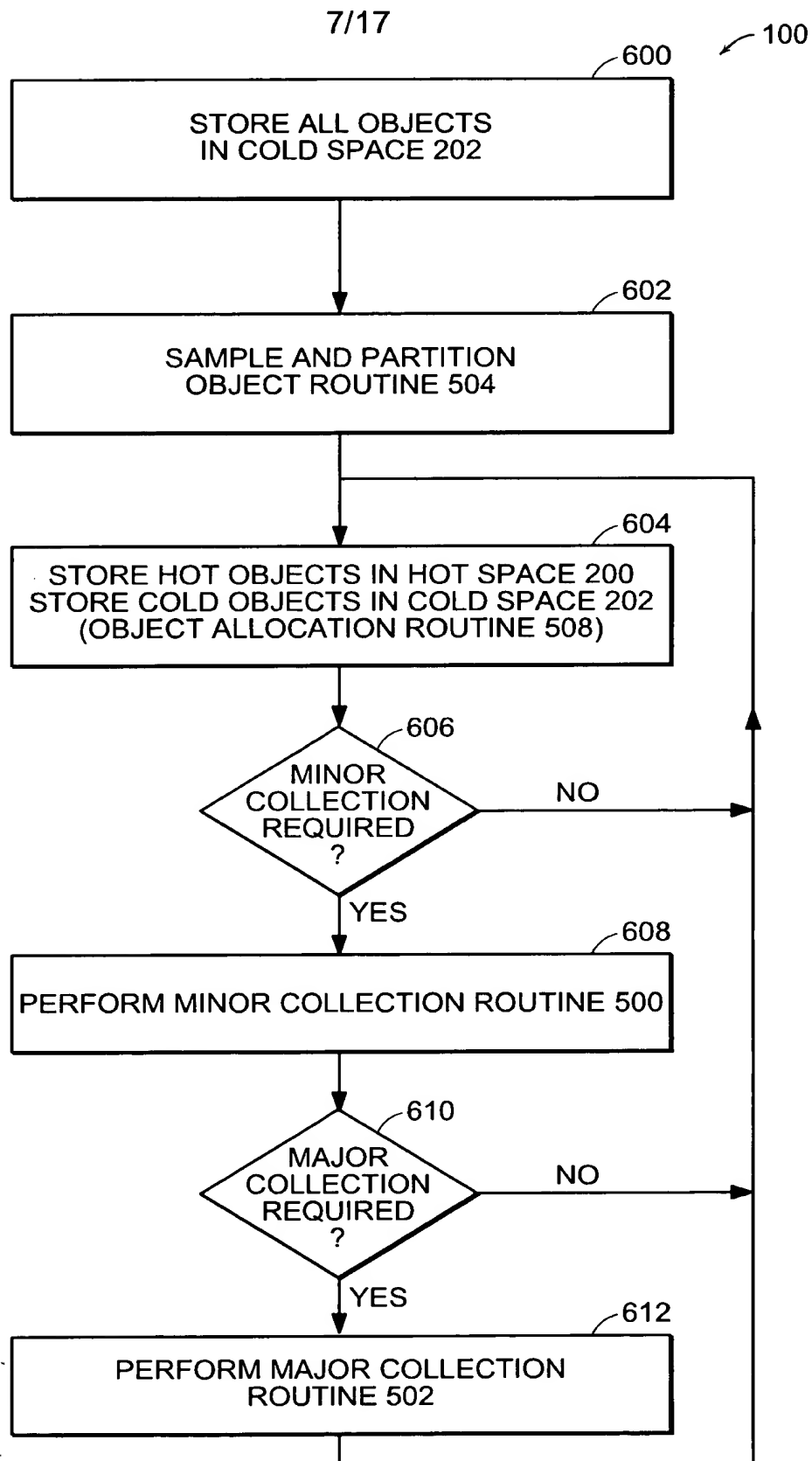


FIG. 6



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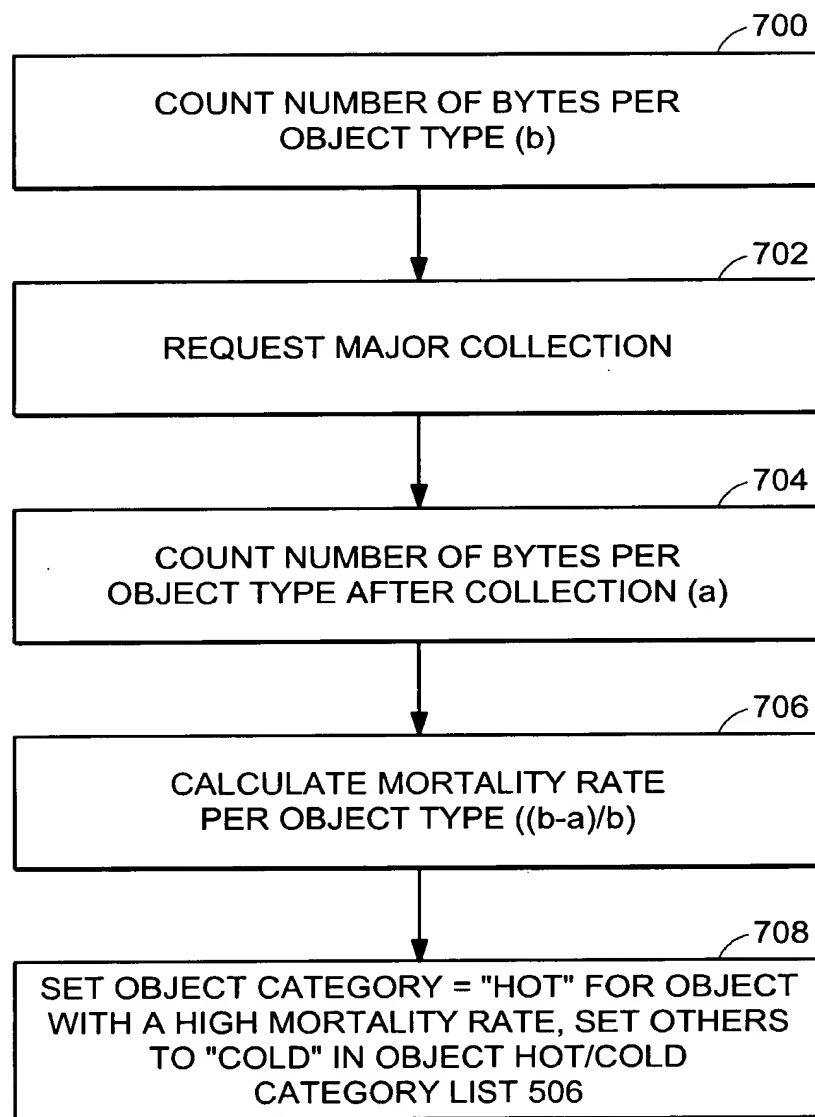


FIG. 7



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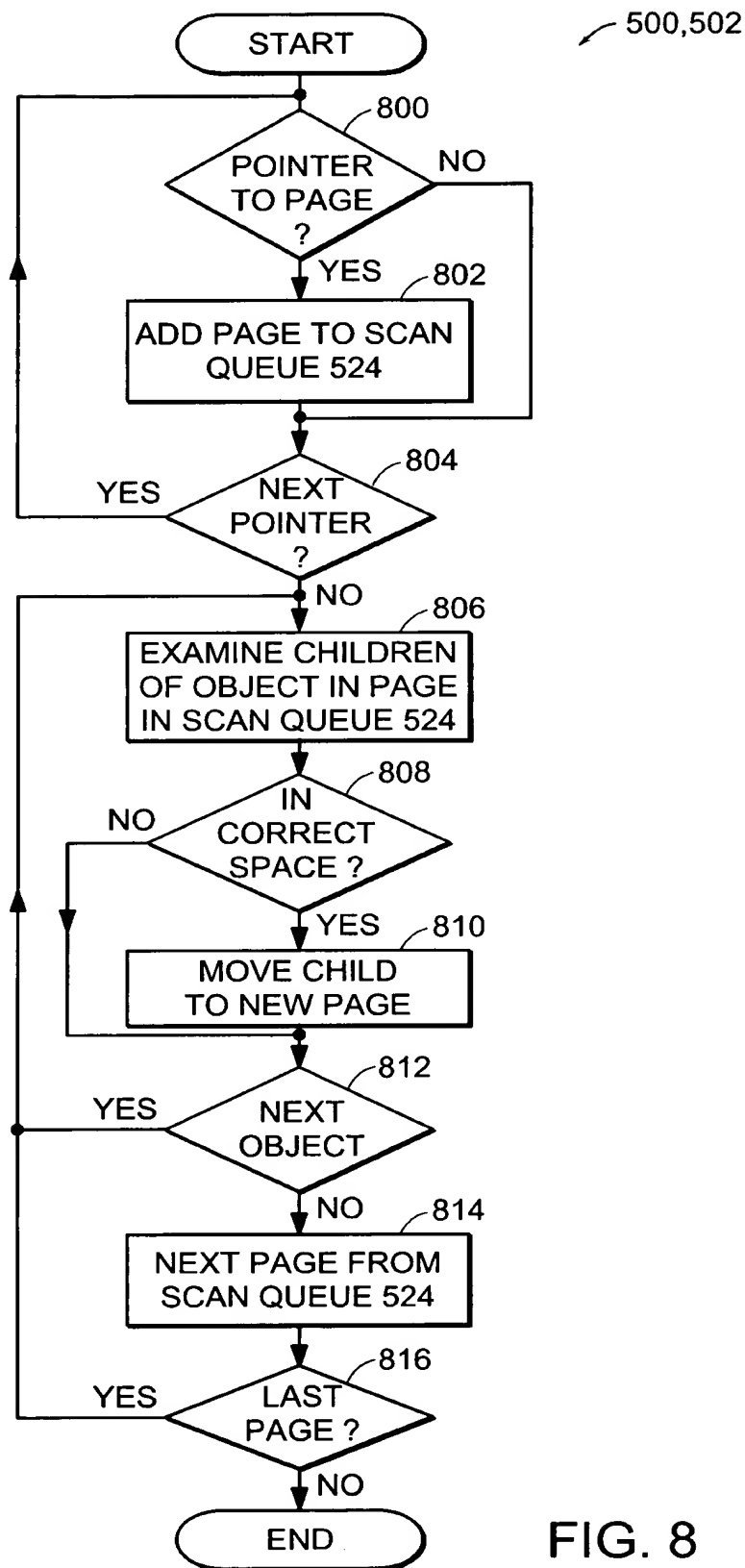


FIG. 8

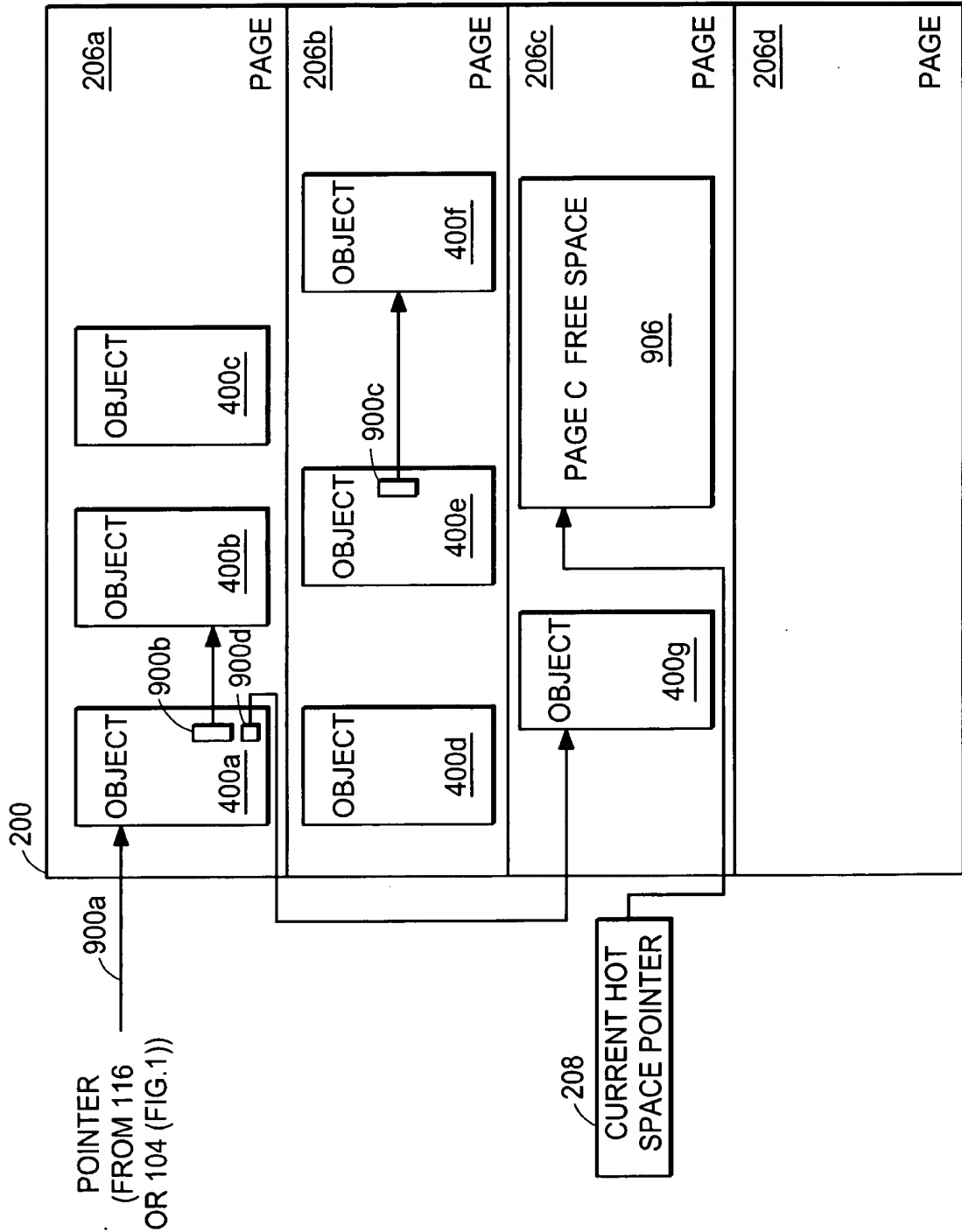


FIG. 9A



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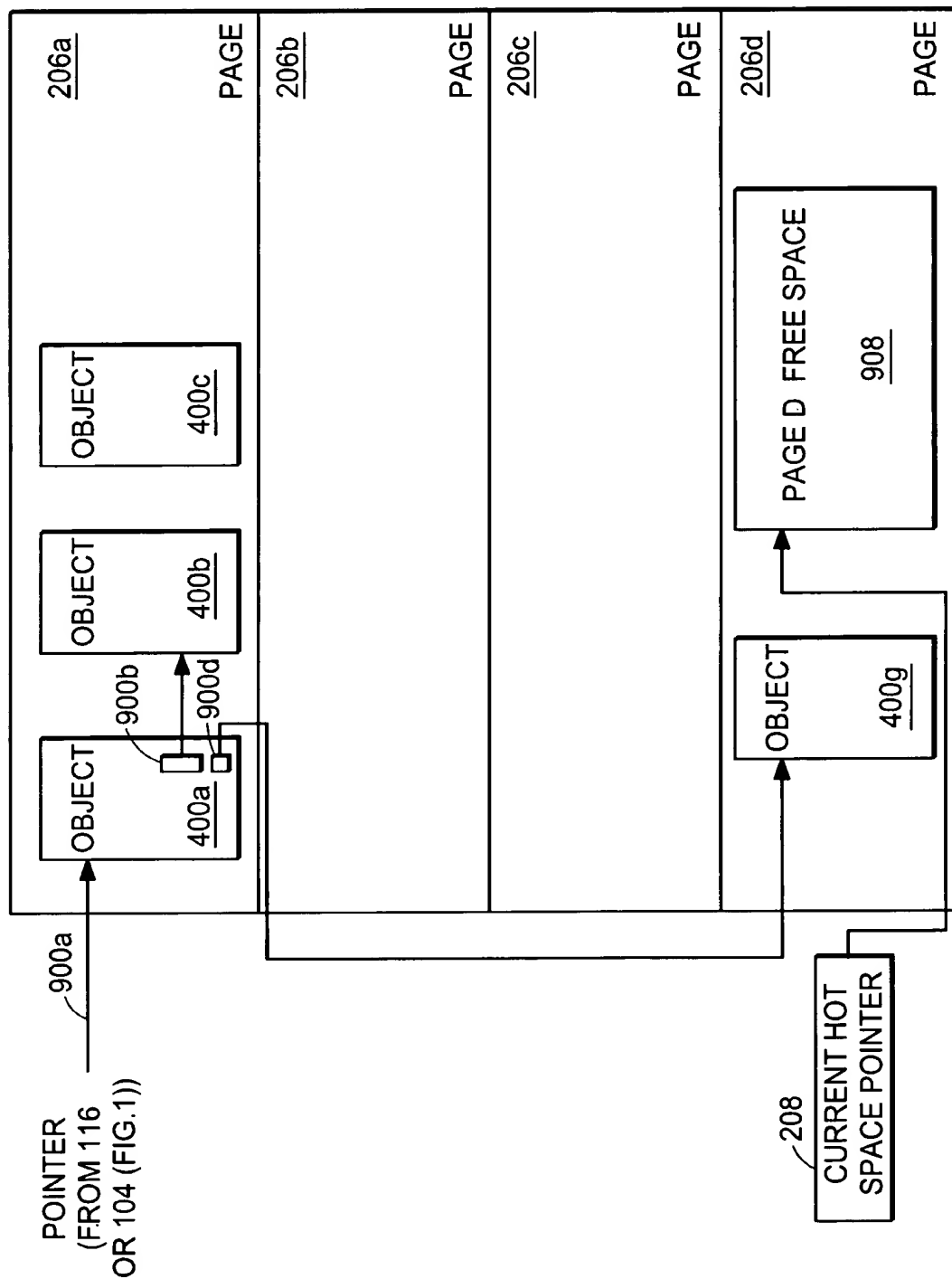


FIG. 9B



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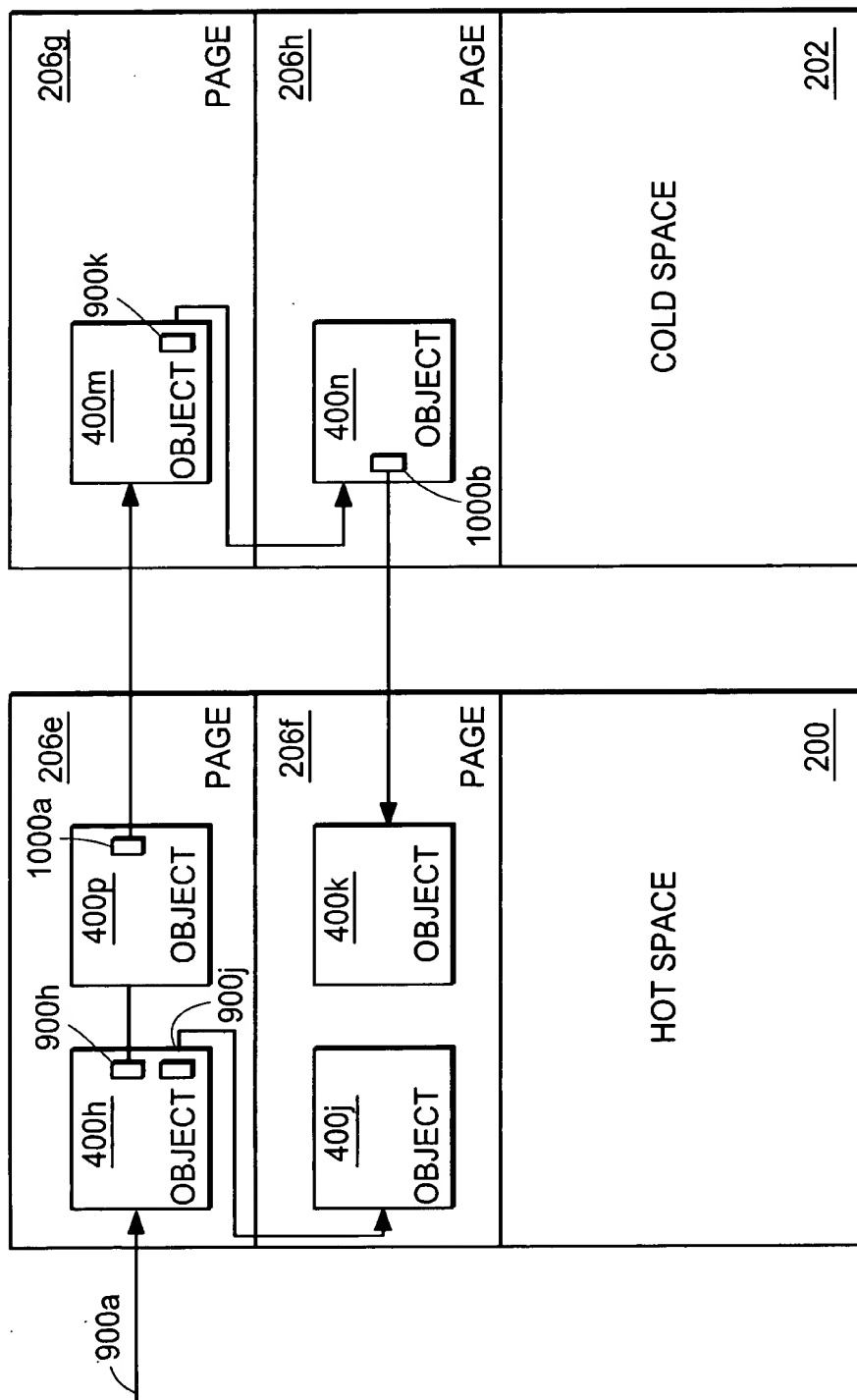


FIG. 10



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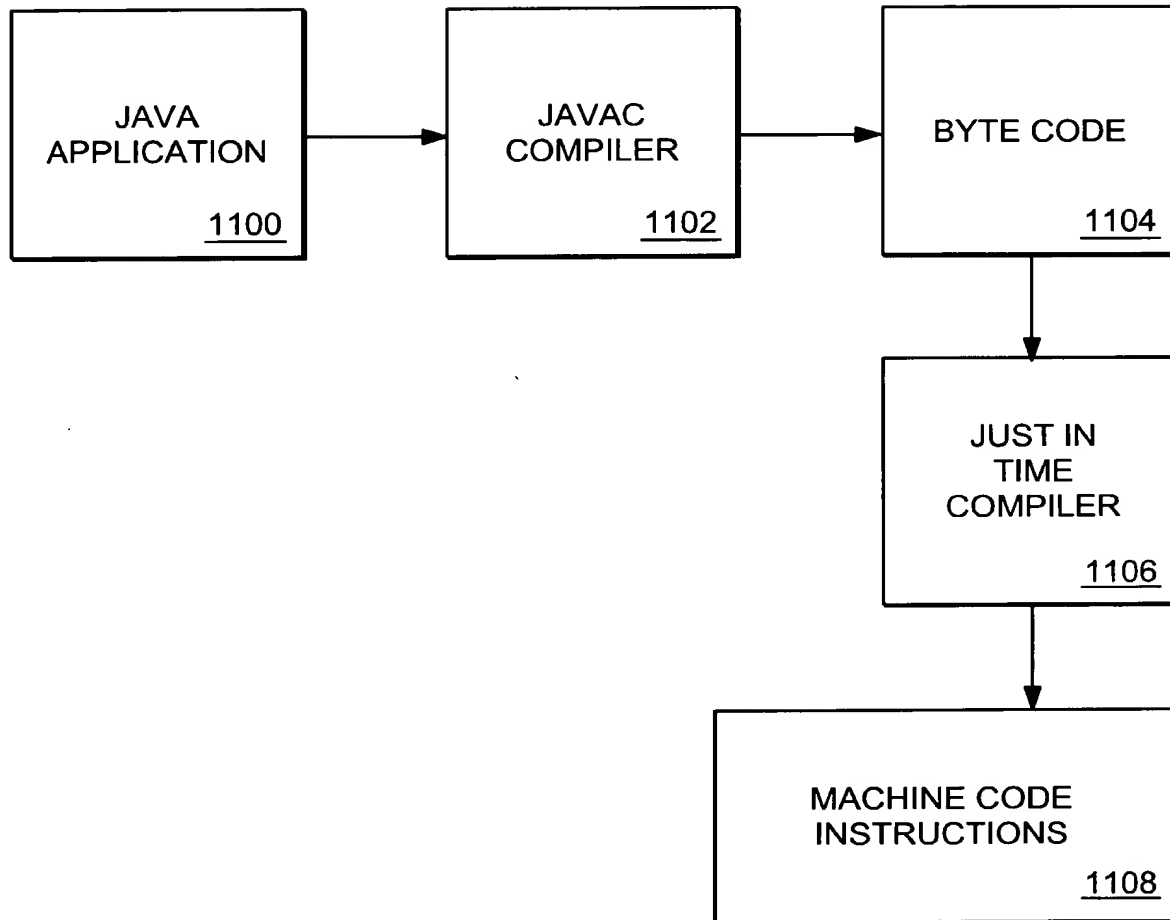


FIG. 11

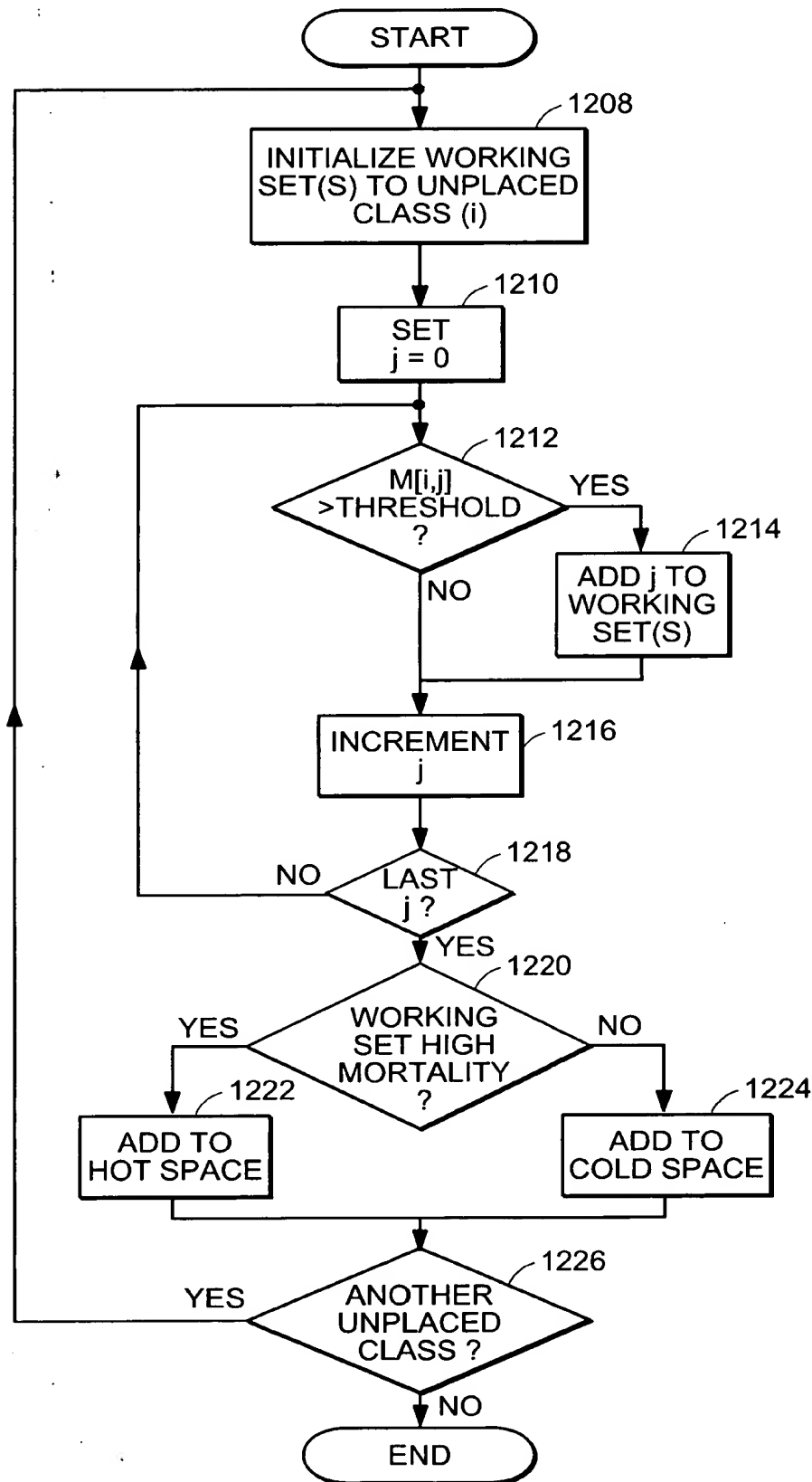


FIG. 12A



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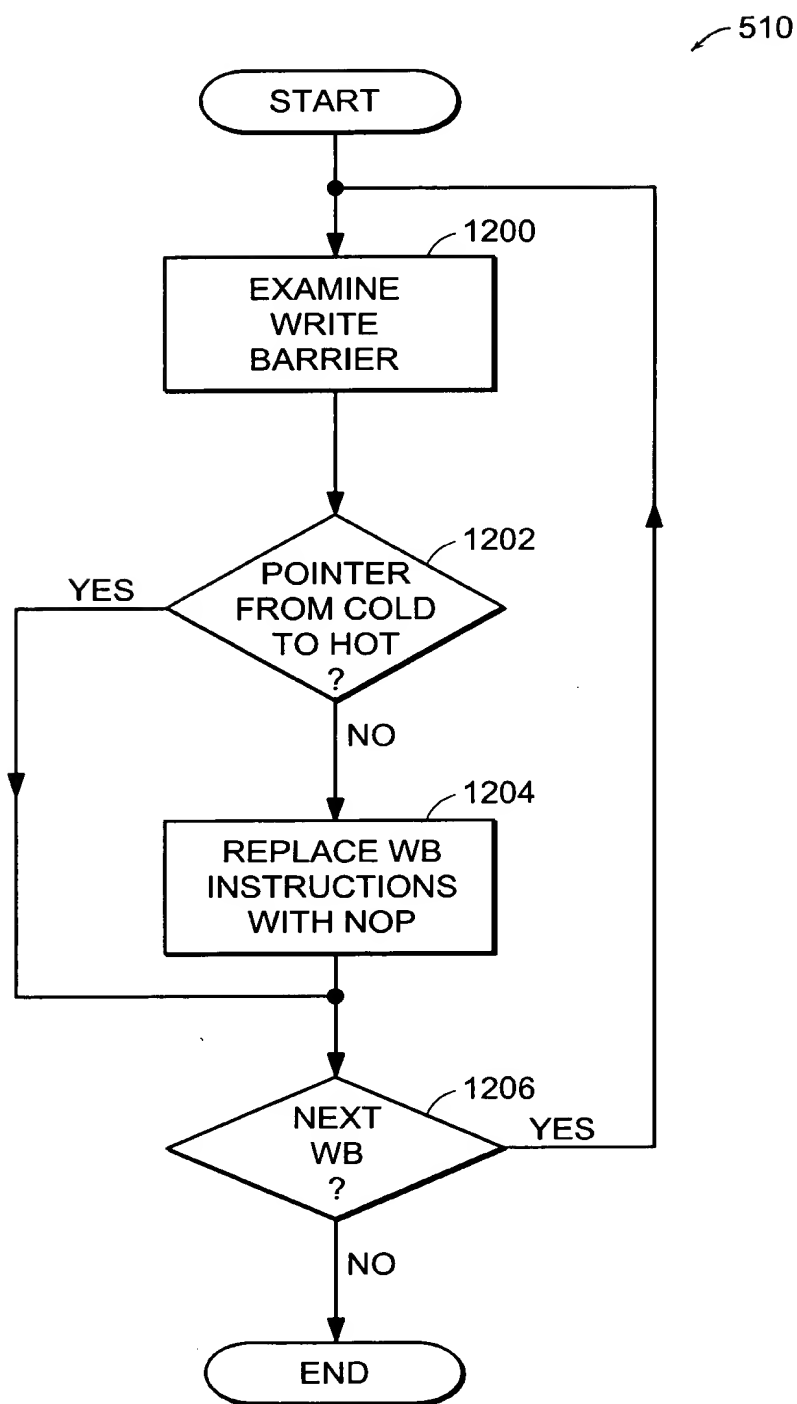


FIG. 12B



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1300

| | | | | |
|-------------|-------------|--------------|--------------|--------------|
| ADD | LD | SRL | STQ | STB |
| <u>1302</u> | <u>1304</u> | <u>1306a</u> | <u>1306b</u> | <u>1306b</u> |

FIG. 13A

1300

| | | | | |
|-------------|-------------|--------------|--------------|--------------|
| ADD | LD | NCP | STQ | NOP |
| <u>1302</u> | <u>1304</u> | <u>1306a</u> | <u>1306b</u> | <u>1306c</u> |

FIG. 13B

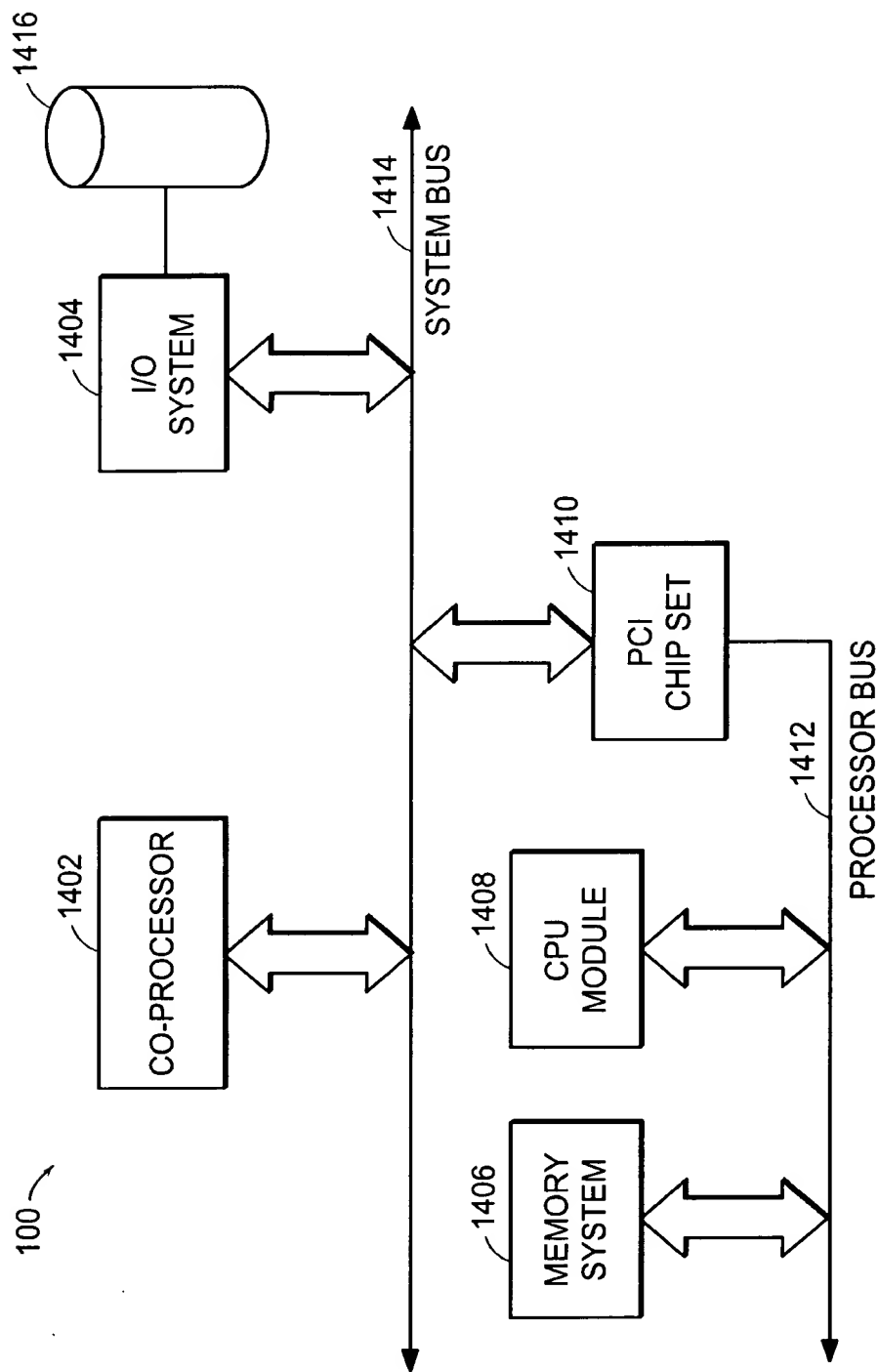


FIG. 14